

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	177	("210".clas. "55".clas. b01d027/??) and (tube pipe support\$3 adj member core) near5 (axial axially length) near3 (compensat\$3 adjust?ble extend?ble adjusted expand?ble expanded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:15
L2	43	210/497.01.ccls. and (tube pipe support\$3 adj member core) near5 (compensat\$3 adjust?ble extend?ble adjusted expand?ble expanded resilient)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:21
L3	39	2 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:21
L4	3222	b01d027/08	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:21
L5	2610	b01d027/08	EPO; JPO; DERWENT	OR	ON	2006/04/10 14:05
L6	750	210/497.01.ccls. and (tube pipe support\$3 adj member core filter\$3 adj insert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:22
L7	395	210/497.01.ccls. and (tube pipe support\$3 adj member core filter\$3 adj insert) and (axial\$3 resilient\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:23
L8	130	210/497.01.ccls. and (tube pipe support\$3 adj member core filter\$3 adj insert) near8 (axial\$3 resilient\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:23
L9	98	8 not (1 3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:38
L10	188	210/352.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 13:16

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L11	457	210/350.ccls. not 210/352.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 13:17
L12	325	210/350.ccls. not 210/352.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 13:52
L13	682	210/440.ccls. not (210/350.ccls. 210/352.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 13:53
L14	62	b01d027/08 and resilient	EPO; JPO; DERWENT	OR	ON	2006/04/10 14:05
L16	2	"9419087"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:27
L17	0	"9016239"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:27
L18	19	"5043068"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:27
L19	6	"5043068".pn. "4442004".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:32
L20	46	"924802" "3407956" "3318940" "580133" "763782" "938518" "1027335" "1595684" "2140317"	EPO; JPO; DERWENT	OR	ON	2006/04/10 14:37
L21	2	"4642182".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:38
L22	45	("1719346"   "1797399"   "1852873"   "2330945"   "2365525"   "2374756"   "2757802"   "3529726"   "4251374"   "4435287").PN. OR ("4642182"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 14:38

## EAST Search History

L23	17	(US-20040206690-\$).did. or (US-4575422-\$ or US-6662954-\$ or US-3642141-\$ or US-5589060-\$ or US-5043068-\$ or US-6506302-\$ or US-5024763-\$ or US-4610789-\$ or US-6986426-\$ or US-5407570-\$ or US-6224764-\$ or US-5318704-\$ or US-3207311-\$ or US-4642182-\$). did. or (US-3592766-\$).did. or (GB-1027335-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/04/10 16:16
L24	2	23 and (polyamide synthetic adj resin pa pom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:19
L25	3	23 and (resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:18
L26	9	Amesoeder near2 Dieter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:19
L27	3	L26 and (polyamide synthetic adj resin pa pom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:19
L28	3	L26 and (polyamide synthetic adj resin pa pom resin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:19
L29	394	210/437-442,457-458.ccls. and (polyamide synthetic adj resin pa pom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:20
L30	55	210/437-442,457-458.ccls. and (polyamide synthetic adj resin pa pom) near7 (tube pipe core plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 16:20
S1	1	10/759219	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:51

## EAST Search History

S2	2	"6506302".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/07 17:50
S3	2327	210/437-442.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:09
S4	5	210/437-442.ccls. and (variable near3 length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:40
S5	11	("2005/0133433"   "3241679"). URPN.	USPAT	OR	ON	2006/04/10 10:12
S6	14	210/437-442.ccls. and (tube near2 expand\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:17
S7	18	210/437-442,457-458.ccls. and (tube near2 expand\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:18
S9	18	210/437-442,457-458.ccls. and (tube near3 expand\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:36
S10	43	("2793752"   "3224590"   "3240347"   "3504803"   "3615018"   "3633755"   "4906365"   "4911840"   "5015375"   "5118417"   "5413712"   "5547480"   "5589060"   "5593578"   "5868932"   "6110365"   "6391193"   "RE30779").PN. OR ("4575422"   "6662954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:28
S11	42	S10 not (S9 S5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:34

## EAST Search History

S12	45	("2487146"   "2642187"   "2642188"   "2801006"   "3246766"   "3268077"   "3333703"   "3397786"   "4036755"   "4094791"   "4502955"   "4622136"   "4676895"   "4935135"   "4985142").PN. OR ("5589060").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 10:33
S13	36	S12 not (S9 S5 S11)	US-PGPUB; USPAT	OR	ON	2006/04/10 10:34
S14	6	210/437-442,457-458.ccls. and (variable near4 length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:40
S15	8716	b01d027/??	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:40
S16	57	S15 and ((varying vary variable) near3 length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:46
S17	23	S15 and (tube near3 expand\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:41
S18	6	S15 and (((varying vary variable) near3 length)) near6 tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:46
S19	9	S15 and (((varying vary variable) near3 length)) near6 (insert tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:49
S20	253	"210".clas. and expand\$6 near2 (tube insert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:49
S21	314	"210".clas. and expand\$6 near2 (tube insert pipe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:50

## EAST Search History

S22	47	"210".clas. and ((expand?ble extend?ble) near2 (tube insert pipe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:50
S23	9	Amesoeder near2 Dieter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 14:26
S24	3	Amesoeder near2 Dieter and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:56
S25	40996	"210".clas. and b01d0??/??	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:57
S26	2258	S25 and (central center) near2 (tube pipe member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:58
S27	2	S25 and (expand?ble extend?ble) near4 (central center) near2 (tube pipe member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:58
S28	15	S25 and (expand?ble extended expanded extend?ble) near4 (central center) near2 (tube pipe member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:59
S29	34	S25 and (expand?ble extended expanded extend?ble) near5 (central center) near4 (tube pipe member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 10:59
S30	40	S25 and (expand?ble extended expanded extend?ble) near5 (axial central center) near4 (tube pipe member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:02
S31	124	(filter filtration).ti,ab. and (expand?ble extended expanded extend?ble) near5 (axial central center) near4 (tube pipe member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:03

## EAST Search History

S32	101	S31 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:03
S33	86	S31 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:04
S34	0	filter adj insert near2 expand?ble near2 element near3 sizes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:04
S35	0	filter near2 insert near4 expand?ble near4 element near3 sizes	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:05
S36	7	210/437-442,457-458.ccls. and (length near2 adjust?ble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:52
S37	7	("3592766").URPN.	USPAT	OR	ON	2006/04/10 11:39
S38	15	("3591010"   "3592766"   "3642141"   "4442004"   "4521309"   "4588464"   "4664801"   "4929354").PN. OR ("5043068"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 11:48
S39	7	210/437-442,457-458.ccls. and (length near3 adjust?ble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:53
S40	12	b01d027/?? and (length near3 adjust?ble)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:52
S41	10	S40 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 11:53
S42	6	210/437-442,457-458.ccls. and core near4 (adjust?ble extend?ble adjusted expand?ble expanded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/10 12:03